

455 WE CLAIM:

1. Crosslinked polymeric nanoparticles having a diameter of 1-10 nm comprising skin care ingredients.
- 460 2. Crosslinked polymeric nanoparticles according to Claim 1, formed from synthetic materials.
3. Crosslinked polymeric nanoparticles according to Claim 1, formed from natural materials.
- 465 4. Crosslinked polymeric nanoparticles according to Claim 2, wherein said synthetic materials are unsaturated and multiethylenically unsaturated monomers.
- 470 5. Crosslinked polymeric nanoparticles having a diameter of 1-10 nm comprising food ingredients.
6. Crosslinked polymeric nanoparticles according to Claim 5, formed from natural materials.
- 475 7. Crosslinked polymeric nanoparticles according to Claim 5, formed from synthetic materials.
8. Crosslinked polymeric nanoparticles according to Claim 6, wherein said
480 natural materials are sugar and starch.
9. A skin care composition comprising a skin care ingredient/polymeric nanoparticle blend.
- 485 10. A snack food composition comprising a food ingredient/polymeric nanoparticle blend.